

# PROJECT OBJECTIVES

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## **Main Objective**

The major goal of this Project is to use modern technology to create a gadget that provides “ Smart Child Safety “ using IOT device & monitoring to protect children ,which will be more effective than current methods in assisting Victims. This project shows the potential for increased productivity, efficiency, and cost savings, as well as to integrate optimized components into an existing design.

## **Project Flow**

- The GPS coordinates of the child will be sent to the IBM IOT platform
- Location can be viewed in the Web Application
- A parent can create a geofence in the web application
- The web application will check if the child is inside or outside the geofence
- Notifies the parents if the child goes out of the geofence

## **By end of this project we could gain knowledge in:**

- We gain knowledge of Watson IOT Platform.
- Connecting IOT devices to the Watson IOT platform and exchanging the sensor data
- Cloudant DB
- Geofence
- Creating a Web Application through which the user interacts with the device.

